FEMS Microbiology Letters 71 (1990) 351–354
Published by Elsevier

FEMS Microbiology Letters

AUTHOR INDEX VOLUME 71

Abidi, A.B., see Singh, A. (71) 221
Agrawal, A.K., see Singh, A. (71) 221
Akimkina, T.V., see Kostrov, S.V. (71) 129
Allison, D.G., Brown, M.R.W., Evans, D.E. and Gilbert, P.
Surface hydrophobicity and dispersal of *Pseudomonas aeruginosa* from biofilms (71) 101
Andreesen, J., see Ludwig, W. (71) 139
Antranikian, G., see Koch, R. (71) 21
Anwar, H.
Association of a 38 kDa bovine serum protein with the outer membrane of *Bordetella pertussis* (71) 305

Bardarov, S.S., Kriakov, J., Karakashyan, A., Sirakova, T.D. and Markov, K.
Characterization of PPD protein antigens in whole cell lysates of *Mycobacterium bovis* BCG (71) 89
Bardarov, S.S., Sirakova, T.D., Kriakov, J., Karakashyan, A. and Markov, K.
A cloned chromosomal DNA fragment which differentiates *Yersinia pestis* from *Yersinia pseudotuberculosis* and *Yersinia enterocolitica* (71) 277
Barer, M.R. and Millership, S.E.
Direct selection of monoclonal antibodies neutralising the cytotoxic activity of *Aeromonas sobria* (71) 311
Baril, C. and Girons, I.S.
Sizing of the *Leptospira* genome by pulsed-field agarose gel electrophoresis (71) 95
Basco, R.D., see Ramirez, M. (71) 43
Berkeley, R.C.W., see Goodacre, R. (71) 133
Bertoloni, G., Rossi, F., Valduga, G., Jori, G. and Van Lier, J.
Photosensitizing activity of water- and lipid-soluble phthalocyanines on *Escherichia coli* (71) 149
Bhatti, A.R., Ijaz, M.K. and Chaudhry, G.R.
Multiple forms of alkaline phosphatase isoenzymes of *Serratia marcescens* (71) 111
Bouzari, S. and Varghese, A.
Cytolethal distending toxin (CLDT) production by enteropathogenic *Escherichia coli* (EPEC) (71) 193
Brederoo, J., see Schuring, F. (71) 237
Brown, M.R.W., see Allison, D.G. (71) 101
Brownlie, L., Stephenson, J.R. and Cole, J.A.
Characterization of two plasmids arising spontaneously in phosphate-limited continuous cultures of *Escherichia coli* HB101[pAT153] (71) 173
Bryan, W.L., see Silman, R.W. (71) 65
Bullen, J.J., Ward, C.G. and Rogers, H.J.
Iron, infection, and the role of bicarbonate (71) 27

Caiola, M.G., see Canini, A. (71) 205
Calo, P., see Longo, E. (71) 331
Canini, A., Caiola, M.G. and Mascini, M.
Ammonium content, nitrogenase activity and heterocyst frequency within the leaf cavities of *Azolla filiculoides* Lam (71) 205
Cansado, J., see Longo, E. (71) 331
Ceyssens, K., see Devriese, L.A. (71) 247
Chaudhry, G.R., see Bhatti, A.R. (71) 111
Cockayne, A., see Luke, C.J. (71) 225
Cole, J.A., see Brownlie, L. (71) 173
Collins, M.D., see Devriese, L.A. (71) 247
Collins, M.D., see Rodrigues, U. (71) 231
Conrad, R., see Seitz, H.-J. (71) 83
Criado, M.T., see Ferreirós, C.M. (71) 49
Cypionka, H., see Dilling, W. (71) 123

Darmwal, N.S., see Singh, A. (71) 221
Daza, A., Martin, J.F. and Gil, J.A.
High transformation frequency of nonsporulating mutants of *Streptomyces griseus* (71) 259
Deb, J.K., Malik, S., Ghosh, V.K., Mathai, S. and Sethi, R.
Intergeneric protoplast fusion between xylanase producing *Bacillus subtilis* LYT and *Corynebacterium acetoacidophilum* ATCC 21476 (71) 287
Del Río, M.C., see Ferreirós, C.M. (71) 49
Demain, A.L., see Nochur, S.V. (71) 199
De Vos, W.M., see Eggen, R. (71) 17
Devriese, L.A., Ceyssens, K., Rodrigues, U.M. and Collins, M.D.
Enterococcus columbae, a species from pigeon intestines (71) 247
Dilling, W. and Cypionka, H.
Aerobic respiration in sulfate-reducing bacteria (71) 123
Dobrová, Z., Jirešová, M., Petřík, T., Ryšavý, P., Náprstek, J. and Janeček, J.
Protein phosphorylation in *Streptomyces albus* (71) 145
Dorn, S., see Ludwig, W. (71) 139
Doyle, R.J., see Zhang, X.-h. (71) 315
Duez, C., Lakaye, B., Houba, S., Dusart, J. and Ghuysen, J.-M.
Cloning, nucleotide sequence and amplified expression of the gene encoding the extracellular metallo (Zn) DD-peptidase of *Streptomyces albus* G (71) 215
Dusart, J., see Duez, C. (71) 215
Dyke, K.G.H., see Walters, J.A. (71) 55

Eggen, R., Geerling, A., Watts, J. and De Vos, W.M.

0378-1097/90/$03.50 © 1990 Federation of European Microbiological Societies

Characterization of pyrolysin, a hyperthermoactive serine protease from the archaebacterium *Pyrococcus furiosus* (71) 17
Elliott, T.S.J., see Luke, C.J. (71) 225
Evans, D.E., see Allison, D.G. (71) 101
Evenden, A.J., Gilpin, M.L. and Munn, C.B.
The cloning and expression of a gene encoding haemolytic activity from the fish pathogen *Renibacterium salmoninarum* (71) 31

Ferreirós, C.M., Criado, M.T., Del Río, M.C. and Pintor, M.
Analysis of the expression of outer-membrane proteins in *Neisseria meningitidis* in iron-replete and iron-deficient media (71) 49

Galinski, E.A., see Peters, P. (71) 157
Gaszewska, A., see Zakrzewska-Czerwińska, J. (71) 271
Geerling, A., see Eggen, R. (71) 17
Gest, H., see Stadtwald-Demchick, R. (71) 117
Ghosh, V.K., see Deb, J.K. (71) 287
Ghuysen, J.-M., see Duez, C. (71) 215
Giesbrecht, P., see Rozgonyi, F. (71) 11
Gil, J.A., see Daza, A. (71) 259
Gilbert, H.J., see Rixon, J.E. (71) 105
Gilbert, P., see Allison, D.G. (71) 101
Gilpin, M.L., see Evenden, A.J. (71) 31
Giménez-Gallego, G., see Ramírez, M. (71) 43
Girons, I.S., see Baril, C. (71) 95
Goodacre, R. and Berkeley, R.C.W.
Detection of small genotypic changes in *Escherichia coli* by pyrolysis mass spectrometry (71) 133
Guzmán, C.A., Platé, M. and Pruzzo, C.
Role of neuraminidase-dependent adherence in *Bacteroides fragilis* attachment to human epithelial cells (71) 187

Hagemann, M., see Schubert, H. (71) 169
Hahn, H., see Rozgonyi, F. (71) 11
Hamana, K., Minamisawa, K. and Matsuzaki, S.
Polyamines in *Rhizobium, Bradyrhizobium, Azorhizobium* and *Agrobacterium* (71) 71
Hazlewood, G.P., see Rixon, J.E. (71) 105
Hernández, L.M., see Ramírez, M. (71) 43
Höcker, H., see Liebeskind, M. (71) 325
Horikoshi, K., see Kimura, T. (71) 35
Houba, S., see Duez, C. (71) 215

Ijaz, M.K., see Bhatti, A.R. (71) 111

Jäger, A.G., see Liebeskind, M. (71) 325
Janeček, J., see Dobrová, Z. (71) 145
Jerez, C.A., see Toledo, H. (71) 241
Jirešová, M., see Dobrová, Z. (71) 145
Jori, G., see Bertoloni, G. (71) 149

Karakashyan, A., see Bardarov, S.S. (71) 89
Karakashyan, A., see Bardarov, S.S. (71) 277
Kaydalova, N.V., see Kostrov, S.V. (71) 129

Kimura, T. and Horikoshi, K.
The nucleotide sequence of an α-amylase gene from an alkalopsychrotrophic *Micrococcus* sp. (71) 35
Klink, F., see Tesch, A. (71) 293
Koch, R., Zablowski, P., Spreinat, A. and Antranikian, G.
Extremely thermostable amylolytic enzyme from the archaebacterium *Pyrococcus furiosus* (71) 21
Kostrov, S.V., Akimkina, T.V., Kaydalova, N.V. and Strongin, A.Y.
Temperature-dependent activation of *Bacillus brevis* metalloprotease expressed in mesophilic *Bacillus subtilis* (71) 129
Kriakov, J., see Bardarov, S.S. (71) 89
Kriakov, J., see Bardarov, S.S. (71) 277
Kubiak, E., see Luke, C.J. (71) 225

Labischinski, H., see Rozgonyi, F. (71) 11
Lakaye, B., see Duez, C. (71) 215
Larriba, G., see Ramírez, M. (71) 43
Leathers, T.D., see Silman, R.W. (71) 65
Liebeskind, M., Höcker, H., Wandrey, C. and Jäger, A.G.
Strategies for improved lignin peroxidase production in agitated pellet cultures of *Phanerochaete chrysosporium* and the use of a novel inducer (71) 325
Loenen, W.A.M., see Meulenberg, J.J.M. (71) 337
Longo, E., Velázquez, J.B., Cansado, J., Calo, P. and Villa, T.G.
Role of killer effect in fermentations conducted by mixed cultures of *Saccharomyces cerevisiae* (71) 331
Ludwig, W., Weizenegger, M., Dorn, S., Andreesen, J. and Schleifer, K.H.
The phylogenetic position of *Peptococcus niger* based on 16S rRNA sequence studies (71) 139
Luke, C.J., Kubiak, E., Cockayne, A., Elliott, T.S.J. and Penn, C.W.
Identification of flagellar and associated polypeptides of *Helicobacter* (formerly *Campylobacter*) *pylori* (71) 225
Lutton, D.A., see Patrick, S. (71) 1

Madigan, M.T.
Photocatabolism of acetone by nonsulfur purple bacteria (71) 281
Malik, S., see Deb, J.K. (71) 287
Markov, K., see Bardarov, S.S. (71) 89
Markov, K., see Bardarov, S.S. (71) 277
Martin, J.F., see Daza, A. (71) 259
Mascini, M., see Canini, A. (71) 205
Mason, J.R., see Moodie, F.D.L. (71) 163
Mathai, S., see Deb, J.K. (71) 287
Matsuzaki, S., see Hamana, K. (71) 71
McCourtie, J. and Poxton, I.R.
Characterisation of *Bacteroides* from sheep periodontal disease by SDS–PAGE of outer membrane proteins (71) 5
Meulenberg, J.J.M., Sellink, E., Loenen, W.A.M., Riegman, N.H., Van Kleef, M. and Postma, P.W.
Cloning of *Klebsiella pneumoniae pqq* genes and PQQ biosynthesis in *Escherichia coli* (71) 337
Millership, S.E., see Barer, M.R. (71) 311

Minamisawa, K., see Hamana, K. (71) 71
Mitchell, W.J., see Wati, M.R. (71) 211
Mokross, H., Schmidt, E. and Reineke, W.
Degradation of 3-chlorobiphenyl by in vivo constructed hybrid pseudomonads (71) 179
Moodie, F.D.L., Woodland, M.P. and Mason, J.R.
The reductase component of the chromosomally encoded benzoate dioxygenase from *Pseudomonas putida* C-1 is immunologically homologous with a product of the plasmid encoded *xylD* gene (toluate dioxygenase) from *Pseudomonas putida* mt-2 (71) 163
Mordarski, M., see Zakrzewska-Czerwińska, J. (71) 271
Munn, C.B., see Evenden, A.J. (71) 31
Muñoz, M.D., see Ramírez, M. (71) 43
Musgrave, A., see Schuring, F. (71) 237

Náprstek, J., see Dobrová, Z. (71) 145
Nishibuchi, M., see Terai, A. (71) 319
Nochur, S.V., Roberts, M.F. and Demain, A.L.
Mutation of *Clostridium thermocellum* in the presence of certain carbon sources (71) 199

Patrick, S. and Lutton, D.A.
Outer membrane proteins of *Bacteroides fragilis* grown in vivo (71) 1
Pearce, B.J., see Sriprakash, K.S. (71) 299
Peberdy, J.F., see Vainstein, M.H. (71) 265
Penn, C.W., see Luke, C.J. (71) 225
Peters, P., Galinski, E.A. and Trüper, H.G.
The biosynthesis of ectoine (71) 157
Petřík, T., see Dobrová, Z. (71) 145
Pintor, M., see Ferreirós, C.M. (71) 49
Platé, M., see Guzmán, C.A. (71) 187
Postma, P.W., see Meulenberg, J.J.M. (71) 337
Poxton, I.R., see McCourtie, J. (71) 5
Priest, F.G., see Wati, M.R. (71) 211
Pruzzo, C., see Guzmán, C.A. (71) 187

Ramírez, M., Muñoz, M.D., Basco, R.D., Giménez-Gallego, G., Hernández, L.M. and Larriba, G.
Two glycosylation patterns for a single protein (exoglucanase) in *Saccharomyces cerevisiae* (71) 43
Rayner, M.H. and Sadler, P.J.
Precipitation of cadmium in a bacterial culture medium: Luria-Bertani broth (71) 253
Reineke, W., see Mokross, H. (71) 179
Relf, W.A. and Sriprakash, K.S.
Limited repertoire of the C-terminal region of the M protein in *Streptococcus pyogenes* (71) 345
Riegman, N.H., see Meulenberg, J.J.M. (71) 337
Rixon, J.E., Hazlewood, G.P. and Gilbert, H.J.
Integration of an unstable plasmid into the chromosome of *Lactobacillus plantarum* (71) 105
Roberts, M.F., see Nochur, S.V. (71) 199
Rodrigues, U. and Collins, M.D.
Phylogenetic analysis of *Streptococcus saccharolyticus* based on 16S rRNA sequencing (71) 231
Rodrigues, U.M., see Devriese, L.A. (71) 247
Rogers, H.J., see Bullen, J.J. (71) 27
Rosenberg, M., see Zhang, X.-h. (71) 315
Rossi, F., see Bertoloni, G. (71) 149
Rozgonyi, F., Hahn, H., Labischinski, H. and Giesbrecht, P.
A novel labeling procedure of anteiso-fatty acid-containing lipids in staphylococci for investigating the effect of penicillin on lipid release (71) 11
Ryšavý, P., see Dobrová, Z. (71) 145

Sadler, P.J., see Rayner, M.H. (71) 253
Sandmann, G., Woods, W.S. and Tuveson, R.W.
Identification of carotenoids in *Erwinia herbicola* and in a transformed *Escherichia coli* strain (71) 77
Schink, B., see Seitz, H.-J. (71) 83
Schleifer, K.H., see Ludwig, W. (71) 139
Schmidt, E., see Mokross, H. (71) 179
Schubert, H. and Hagemann, M.
Salt effects on 77K fluorescence and photosynthesis in the cyanobacterium *Synechocystis* sp. PCC 6803 (71) 169
Schuring, F., Brederoo, J., Musgrave, A. and Van den Ende, H.
Increase in calcium triggers mating structure activation in *Chlamydomonas eugametos* (71) 237
Seitz, H.-J., Siñeriz, F., Schink, B. and Conrad, R.
Hydrogen production during fermentation of acetoin and acetylene by *Pelobacter acetylenicus* (71) 83
Sellink, E., see Meulenberg, J.J.M. (71) 337
Sethi, R., see Deb, J.K. (71) 287
Shirai, H., see Terai, A. (71) 319
Silman, R.W., Bryan, W.L. and Leathers, T.D.
A comparison of polysaccharides from strains of *Aureobasidium pullulans* (71) 65
Siñeriz, F., see Seitz, H.-J. (71) 83
Singh, A., Agrawal, A.K., Abidi, A.B. and Darmwal, N.S.
General and kinetic properties of endoglucanase from *Aspergillus niger* (71) 221
Sirakova, T.D., see Bardarov, S.S. (71) 89
Sirakova, T.D., see Bardarov, S.S. (71) 277
Spreinat, A., see Koch, R. (71) 21
Sriprakash, K.S. and Pearce, B.J.
Mapping of transcripts encoded by the plasmid in *Chlamydia trachomatis* (71) 299
Sriprakash, K.S., see Relf, W.A. (71) 345
Stadtwald-Demchick, R., Turner, F.R. and Gest, H.
Rhodopseudomonas cryptolactis, sp. nov., a new thermotolerant species of budding phototrophic purple bacteria (71) 117
Stephenson, J.R., see Brownlie, L. (71) 173
Strongin, A.Y., see Kostrov, S.V. (71) 129

Takeda, Y., see Terai, A. (71) 319
Terai, A., Shirai, H., Yoshida, O., Takeda, Y. and Nishibuchi, M.
Nucleotide sequence of the thermostable direct hemolysin gene (*tdh* gene) of *Vibrio mimicus* and its evolutionary relationship with the *tdh* genes of *Vibrio parahaemolyticus* (71) 319

Tesch, A. and Klink, F.
Cloning and sequencing of the gene coding for the elongation factor 1α from the archaebacterium *Thermoplasma acidophilum* (71) 293
Toledo, H. and Jerez, C.A.
In vivo and in vitro methylation of the elongation factor EF-Tu from *Euglena gracilis* chloroplast (71) 241
Trüper, H.G., see Peters, P. (71) 157
Turner, F.R., see Stadtwald-Demchick, R. (71) 117
Tuveson, R.W., see Sandmann, G. (71) 77

Vainstein, M.H. and Peberdy, J.F.
Solubilisation of a cell wall bound invertase in *Aspergillus nidulans* (71) 265
Valduga, G., see Bertoloni, G. (71) 149
Van den Ende, H., see Schuring, F. (71) 237
Van Kleef, M., see Meulenberg, J.J.M. (71) 337
Van Lier, J., see Bertoloni, G. (71) 149
Varghese, A., see Bouzari, S. (71) 193
Velázquez, J.B., see Longo, E. (71) 331
Villa, T.G., see Longo, E. (71) 331

Walters, J.A. and Dyke, K.G.H.
Characterization of a small cryptic plasmid isolated from a methicillin-resistant strain of *Staphylococcus aureus* (71) 55
Wandrey, C., see Liebeskind, M. (71) 325
Ward, C.G., see Bullen, J.J. (71) 27
Wati, M.R., Priest, F.G. and Mitchell, W.J.
Mutagenesis using Tn*917* in *Bacillus licheniformis* (71) 211
Watts, J., see Eggen, R. (71) 17
Weizenegger, M., see Ludwig, W. (71) 139
Woodland, M.P., see Moodie, F.D.L. (71) 163
Woods, W.S., see Sandmann, G. (71) 77

Yoshida, O., see Terai, A. (71) 319

Zablowski, P., see Koch, R. (71) 21
Zakrzewska-Czerwińska, J., Gaszewska, A. and Mordarski, M.
pS10147-2, a 3.7 kb multicopy plasmid isolated from *Streptomyces coelicolor* (71) 271
Zhang, X.-h., Rosenberg, M. and Doyle, R.J.
Inhibition of the cooperative adhesion of *Streptococcus sanguis* to hydroxylapatite (71) 315

FEMS Microbiology Letters 71 (1990) 355–362
Published by Elsevier

FEMS Microbiology Letters

SUBJECT INDEX VOLUME 71

Acetone
Photoheterotrophic growth; *Rhodobacter capsulatus*; *Rhodomicrobium vannielii*; Nonsulfur purple bacteria; Photosynthesis (Madigan, M.T. (71) 281)

Adherence
Bacteroides fragilis; Neuraminidase (Guzmán, C.A. (71) 187)

Adhesion
Streptococcus sanguis; Hydroxylapatite; Sulfolane (Zhang, X.-h. (71) 315)

Aerobic respiration in anaerobes
Sulfate reduction; Oxidation of sulfur compounds; *Desulfovibrio desulfuricans* (Dilling, W. (71) 123)

Aeromonas sobria
Monoclonal antibody; Cytotoxin (Barer, M.R. (71) 311)

Agrobacterium
Polyamine; Homospermidine; *Rhizobium*; *Bradyrhizobium*; *Azorhizobium* (Hamana, K. (71) 71)

Alkaline phosphatase
Serratia marcescens; Isoenzyme (Bhatti, A.R. (71) 111)

Amino terminal sequence
Exoglucanase (β-glucosidase); Carbohydrate modification; Morphogenesis (Ramírez, M. (71) 43)

Ammonium and potassium microelectrodes
Azolla; *Anabaena*; Nitrogenase activity; Cyanophycin (Canini, A. (71) 205)

α-Amylase
Micrococcus sp.; Gene cloning; Nucleotide sequence analysis (Kimura, T. (71) 35)

Anabaena
Azolla; Ammonium and potassium microelectrodes; Nitrogenase activity; Cyanophycin (Canini, A. (71) 205)

Anteiso-fatty acid
Staphylococcus; Novel labeling; Isoleucine label; Lipid release; LTA; Penicillin action (Rozgonyi, F. (71) 11)

Antibiotic
bld Mutant; Transformation; Restriction-modification (Daza, A. (71) 259)

Antibiotic resistance plasmids
Escherichia coli strains; Pyrolysis mass spectrometry (Goodacre, R. (71) 133)

Archaebacterium
Thermoplasma acidophilum; Elongation factor; *tuf* Gene; Nucleotide sequence (Tesch, A. (71) 293)

Hyperthermoactive amylase; *Pyrococcus furiosus* (Koch, R. (71) 21)

Argininosuccinate lyase
arg Mutants; Transposon mutagenesis; *Bacillus licheniformis* (Wati, M.R. (71) 211)

Aspergillus nidulans
Invertase; Solubilisation; Cell wall; Location (Vainstein, M.H. (71) 265)

Aspergillus niger
Endoglucanase; Modulators (Singh, A. (71) 221)

Aureobasidium pullulans
Extracellular polysaccharide; Pullulan (Silman, R.W. (71) 65)

Azolla
Anabaena; Ammonium and potassium microelectrodes; Nitrogenase activity; Cyanophycin (Canini, A. (71) 205)

Azorhizobium
Polyamine; Homospermidine; *Rhizobium*; *Bradyrhizobium*; *Agrobacterium* (Hamana, K. (71) 71)

Bacillus
Corynebacterium; Protoplast fusion; Hybrid (Deb, J.K. (71) 287)

Bacillus licheniformis
arg Mutants; Argininosuccinate lyase; Transposon mutagenesis (Wati, M.R. (71) 211)

Bacterial biofilm
Cell surface hydrophobicity; Specific growth rate; *Pseudomonas aeruginosa* (Allison, D.G. (71) 101)

Bacterial infection
Transferrin; Ferric iron; Bicarbonate (Bullen, J.J. (71) 27)

0378-1097/90/$03.50 © 1990 Federation of European Microbiological Societies

Bacterial kidney disease
Gene cloning; Haemolytic activity (Evenden, A.J. (71) 31)

Bacteriochlorophyll
Rhodopseudomonas cryptolactis; Lactate metabolism; Thermotolerance (Stadtwald-Demchick, R. (71) 117)

Bacteroides
Sheep; Periodontal disease; Outer membrane proteins; SDS-PAGE (McCourtie, J. (71) 5)

Bacteroides fragilis
Outer membrane protein; Growth, in vivo (Patrick, S. (71) 1)

Adherence; Neuraminidase (Guzmán, C.A. (71) 187)

Benzoate dioxygenase reductase
Toluate dioxygenase; *xylD* gene (Moodie, F.D.L. (71) 163)

Bicarbonate
Transferrin; Ferric iron; Bacterial infection (Bullen, J.J. (71) 27)

Bordetella pertussis
Outer membrane; Outer membrane protein; Iron (Anwar, H. (71) 305)

Bradyrhizobium
Polyamine; Homospermidine; *Rhizobium*; *Azorhizobium*; *Agrobacterium* (Hamana, K. (71) 71)

2,3-Butanediol
"Syntrophic" fermentation; Formate; Thermodynamics (Seitz, H.-J. (71) 83)

Cadmium precipitation
Luria-Bertani broth; Cadmium resistance; Trace elements; Elemental analysis (Rayner, M.H. (71) 253)

Cadmium resistance
Luria-Bertani broth; Cadmium precipitation; Trace elements; Elemental analysis (Rayner, M.H. (71) 253)

Calcium signalling
Mating response; *Chlamydomonas eugametos* (Schuring, F. (71) 237)

Carbohydrate modification
Exoglucanase (β-glucosidase); Amino terminal sequence; Morphogenesis (Ramírez, M. (71) 43)

Carbon source
Clostridium thermocellum; Cellulase; Directed mutation; Growth lag (Nochur, S.V. (71) 199)

β-Carotene
Carotenogenic *Escherichia coli*; β-Cryptoxanthin; *Erwinia herbicola* Eho 10; Zeaxanthin (Sandmann, G. (71) 77)

Carotenogenic *Escherichia coli*
β-Carotene; β-Cryptoxanthin; *Erwinia herbicola* Eho 10; Zeaxanthin (Sandmann, G. (71) 77)

Cell surface hydrophobicity
Bacterial biofilm; Specific growth rate; *Pseudomonas aeruginosa* (Allison, D.G. (71) 101)

Cellulase
Clostridium thermocellum; Directed mutation; Growth lag; Carbon source (Nochur, S.V. (71) 199)

Cell wall
Invertase; *Aspergillus nidulans*; Solubilisation; Location (Vainstein, M.H. (71) 265)

Chlamydia
Transcription initiation; Promoter (Sriprakash, K.S. (71) 299)

Chlamydomonas eugametos
Calcium signalling; Mating response (Schuring, F. (71) 237)

Chlorobiphenyl utilization
Hybrid organisms; Chlorocatechol degrading enzymes (Mokross, H. (71) 179)

Chlorocatechol degrading enzymes
Chlorobiphenyl utilization; Hybrid organisms (Mokross, H. (71) 179)

Chromosome
Spirochete; Pulsed-field electrophoresis (Baril, C. (71) 95)

CLDT
Enterotoxin; Verocytotoxin; EPEC (Bouzari, S. (71) 193)

Cloning
Pyrroloquinoline quinone; *Klebsiella pneumoniae*; *pqq* Gene; Glucose dehydrogenase (Meulenberg, J.J.M. (71) 337)

Cloning of methylated DNA
Streptomyces plasmids; *Streptomyces* signal peptides (Duez, C. (71) 215)

Clostridium thermocellum
Cellulase; Directed mutation; Growth lag; Carbon source (Nochur, S.V. (71) 199)

Cluster analysis
Protein pattern; Outer membrane protein; Iron; *Neisseria meningiditis* (Ferreirós, C.M. (71) 49)

Compatible solute
Ectothiorhodospira halochloris; *Halomonas elongata*; Tetrahydropyrimidine; Ectoine biosynthesis (Peters, P. (71) 157)

Corynebacterium
Bacillus; Protoplast fusion; Hybrid (Deb, J.K. (71) 287)

Cryptic plasmid
Staphylococcus aureus; Methicillin resistance (Walters, J.A. (71) 55)

β-Cryptoxanthin
β-Carotene; Carotenogenic *Escherichia coli*; *Erwinia herbicola* Eho 10; Zeaxanthin (Sandmann, G. (71) 77)

Cyanobacterium
Salinity effect; 77K-Fluorescence (Schubert, H. (71) 169)

Cyanophycin
Azolla; *Anabaena*; Ammonium and potassium microelectrodes; Nitrogenase activity (Canini, A. (71) 205)

Cytotoxin
Monoclonal antibody; *Aeromonas sobria* (Barer, M.R. (71) 311)

Desulfovibrio desulfuricans
Sulfate reduction; Aerobic respiration in anaerobes; Oxidation of sulfur compounds (Dilling, W. (71) 123)

3,4-Dimethoxybenzylamine
Phanerochaete chrysosporium; Mycelial pellets; Lignin peroxidase (Liebeskind, M. (71) 325)

Directed mutation
Clostridium thermocellum; Cellulase; Growth lag; Carbon source (Nochur, S.V. (71) 199)

Ectoine biosynthesis
Ectothiorhodospira halochloris; *Halomonas elongata*; Compatible solute; Tetrahydropyrimidine (Peters, P. (71) 157)

Ectothiorhodospira halochloris
Halomonas elongata; Compatible solute; Tetrahydropyrimidine; Ectoine biosynthesis (Peters, P. (71) 157)

Electrophoresis
Photosensitivity; Phthalocyanine (Bertoloni, G. (71) 149)

Elemental analysis
Luria-Bertani broth; Cadmium resistance; Cadmium precipitation; Trace elements (Rayner, M.H. (71) 253)

Elongation factor
Archaebacteria; *Thermoplasma acidophilum*; *tuf* Gene; Nucleotide sequence (Tesch, A. (71) 293)

Elongation factor EF-Tu
Euglena gracilis chloroplast; Protein methylation (Toledo, H. (71) 241)

Endoglucanase
Aspergillus niger; Modulators (Singh, A. (71) 221)

Enterococcus columbae
Streptococcus; Taxonomy; 16S rRNA (Devriese, L.A. (71) 247)

***Enterococcus saccharolyticus* comb. nov.**
Streptococcus; 16S rRNA; Taxonomy; Phylogeny (Rodrigues, U. (71) 231)

Enterotoxin
Verocytotoxin; CLDT; EPEC (Bouzari, S. (71) 193)

EPEC
Enterotoxin; Verocytotoxin; CLDT (Bouzari, S. (71) 193)

***Erwinia herbicola* Eho 10**
β-Carotene; Carotenogenic *Escherichia coli*; β-Cryptoxanthin; Zeaxanthin (Sandmann, G. (71) 77)

***Escherichia coli* strains**
Pyrolysis mass spectrometry; Antibiotic resistance plasmids (Goodacre, R. (71) 133)

***Euglena gracilis* chloroplast**
Elongation factor EF-Tu; Protein methylation (Toledo, H. (71) 241)

Exoglucanase (β-glucosidase)
Amino terminal sequence; Carbohydrate modification; Morphogenesis (Ramírez, M. (71) 43)

Exoprotein
Metalloprotease; Protein folding; Thermophilic bacillus; *npr* Gene (Kostrov, S.V. (71) 129)

Extracellular polysaccharide
Aureobasidium pullulans; Pullulan (Silman, R.W. (71) 65)

Fermentation
Saccharomyces cerevisiae; Killer (Longo, E. (71) 331)

Ferric iron
Transferrin; Bacterial infection; Bicarbonate (Bullen, J.J. (71) 27)

Flagellar polypeptide
Helicobacter pylori (Luke, C.J. (71) 225)

77K-Fluorescence
Salinity effect; Cyanobacterium (Schubert, H. (71) 169)

Formate
"Syntrophic" fermentation; 2,3-Butanediol; Thermodynamics (Seitz, H.-J. (71) 83)

***npr* Gene**
Metalloprotease; Protein folding; Thermophilic bacillus; Exoprotein (Kostrov, S.V. (71) 129)

pqq Gene
Pyrroloquinoline quinone; *Klebsiella pneumoniae*; Cloning; Glucose dehydrogenase (Meulenberg, J.J.M. (71) 337)

tuf Gene
Archaebacteria; *Thermoplasma acidophilum*; Elongation factor; Nucleotide sequence (Tesch, A. (71) 293)

_xyl_D Gene
Benzoate dioxygenase reductase; Toluate dioxygenase (Moodie, F.D.L. (71) 163)

Gene cloning
Bacterial kidney disease; Haemolytic activity (Evenden, A.J. (71) 31)

Micrococcus sp.; α-Amylase; Nucleotide sequence analysis (Kimura, T. (71) 35)

Glucose dehydrogenase
Pyrroloquinoline quinone; *Klebsiella pneumoniae*; Cloning; *pqq* Gene (Meulenberg, J.J.M. (71) 337)

Growth, in vivo
Bacteroides fragilis; Outer membrane protein (Patrick, S. (71) 1)

Growth lag
Clostridium thermocellum; Cellulase; Directed mutation; Carbon source (Nochur, S.V. (71) 199)

Haemolytic activity
Bacterial kidney disease; Gene cloning (Evenden, A.J. (71) 31)

Halomonas elongata
Ectothiorhodospira halochloris; Compatible solute; Tetrahydropyrimidine; Ectoine biosynthesis (Peters, P. (71) 157)

Helicobacter pylori
Flagellar polypeptide (Luke, C.J. (71) 225)

Homospermidine
Polyamine; *Rhizobium*; *Bradyrhizobium*; *Azorhizobium*; *Agrobacterium* (Hamana, K. (71) 71)

Hybrid
Bacillus; *Corynebacterium*; Protoplast fusion (Deb, J.K. (71) 287)

Hybrid organisms
Chlorobiphenyl utilization; Chlorocatechol degrading enzymes (Mokross, H. (71) 179)

Hydroxylapatite
Streptococcus sanguis; Adhesion; Sulfolane (Zhang, X.-h. (71) 315)

Hyperthermoactive amylase
Archaebacterium; *Pyrococcus furiosus* (Koch, R. (71) 21)

Hyperthermoactive serine-protease
Thermo-anaerobic archaebacterium; *Pyrococcus furiosus* (Eggen, R. (71) 17)

Integration
Lactobacillus plantarum; Plasmid; Transformation (Rixon, J.E. (71) 105)

Invertase
Aspergillus nidulans; Solubilisation; Cell wall; Location (Vainstein, M.H. (71) 265)

Iron
Protein pattern; Cluster analysis; Outer membrane protein; *Neisseria meningiditis* (Ferreirós, C.M. (71) 49)

Bordetella pertussis; Outer membrane; Outer membrane protein (Anwar, H. (71) 305)

Isoenzyme
Serratia marcescens; Alkaline phosphatase (Bhatti, A.R. (71) 111)

Isoleucine label
Staphylococcus; Anteiso-fatty acid; Novel labeling; Lipid release; LTA; Penicillin action (Rozgonyi, F. (71) 11)

Killer
Saccharomyces cereviseae; Fermentation (Longo, E. (71) 331)

Klebsiella pneumoniae
Pyrroloquinoline quinone; Cloning; *pqq* Gene; Glucose dehydrogenase (Meulenberg, J.J.M. (71) 337)

Lactate metabolism
Rhodopseudomonas cryptolactis; Thermotolerance; Bacteriochlorophyll (Stadtwald-Demchick, R. (71) 117)

Lactobacillus plantarum
Plasmid; Integration; Transformation (Rixon, J.E. (71) 105)

Lignin peroxidase
Phanerochaete chrysosporium; Mycelial pellets; 3,4-Dimethoxybenzylamine (Liebeskind, M. (71) 325)

Lipid release
Staphylococcus; Anteiso-fatty acid; Novel labeling; Isoleucine label; LTA; Penicillin action (Rozgonyi, F. (71) 11)

Location
Invertase; *Aspergillus nidulans*; Solubilisation; Cell wall (Vainstein, M.H. (71) 265)

LTA
Staphylococcus; Anteiso-fatty acid; Novel labeling; Isoleucine label; Lipid release; Penicillin action (Rozgonyi, F. (71) 11)

Luria-Bertani broth
Cadmium resistance; Cadmium precipitation; Trace elements; Elemental analysis (Rayner, M.H. (71) 253)

Mating response
Calcium signalling; *Chlamydomonas eugametos* (Schuring, F. (71) 237)

Metalloprotease
Protein folding; Thermophilic bacillus; Exoprotein; *npr* Gene (Kostrov, S.V. (71) 129)

Methicillin resistance
Staphylococcus aureus; Cryptic plasmid (Walters, J.A. (71) 55)

***Micrococcus* sp.**
α-Amylase; Gene cloning; Nucleotide sequence analysis (Kimura, T. (71) 35)

Modulators
Aspergillus niger; Endoglucanase (Singh, A. (71) 221)

Molecular probe
Yersinia (Bardarov, S.S. (71) 277)

Monoclonal antibody
Aeromonas sobria; Cytotoxin (Barer, M.R. (71) 311)

Morphogenesis
Exoglucanase (β-glucosidase); Amino terminal sequence; Carbohydrate modification (Ramírez, M. (71) 43)

M protein
Streptococcus pyogenes; Polymerase chain reaction; Opacity factor (Relf, W.A. (71) 345)

Multicopy plasmid
Streptomyces coelicolor (Zakrzewska-Czerwińska, J. (71) 271)

***bld* Mutant**
Antibiotic; Transformation; Restriction-modification (Daza, A. (71) 259)

***arg* Mutants**
Argininosuccinate lyase; Transposon mutagenesis; *Bacillus licheniformis* (Wati, M.R. (71) 211)

Mycelial pellets
Phanerochaete chrysosporium; 3,4-Dimethoxybenzylamine; Lignin peroxidase (Liebeskind, M. (71) 325)

***Mycobacterium bovis* BCG**
PPD; Protein oligomerization (Bardarov, S.S. (71) 89)

Neisseria meningiditis
Protein pattern; Cluster analysis; Outer membrane protein; Iron (Ferreirós, C.M. (71) 49)

Neuraminidase
Bacteroides fragilis; Adherence (Guzmán, C.A. (71) 187)

Nitrogenase activity
Azolla; *Anabaena*; Ammonium and potassium microelectrodes; Cyanophycin (Canini, A. (71) 205)

Nonsulfur purple bacteria
Photoheterotrophic growth; Acetone; *Rhodobacter capsulatus*; *Rhodomicrobium vannielii*; Photosynthesis (Madigan, M.T. (71) 281)

Novel labeling
Staphylococcus; Anteiso-fatty acid; Isoleucine label; Lipid release; LTA; Penicillin action (Rozgonyi, F. (71) 11)

Nucleotide sequence
16S rRNA; *Peptococcus niger*; Phylogeny (Ludwig, W. (71) 139)

Archaebacteria; *Thermoplasma acidophilum*; Elongation factor; *tuf* Gene (Tesch, A. (71) 293)

Nucleotide sequence analysis
Micrococcus sp.; α-Amylase; Gene cloning (Kimura, T. (71) 35)

Opacity factor
Streptococcus pyogenes; M protein; Polymerase chain reaction (Relf, W.A. (71) 345)

Outer membrane
Bordetella pertussis; Outer membrane protein; Iron (Anwar, H. (71) 305)

Outer membrane protein
Bacteroides fragilis; Growth, in vivo (Patrick, S. (71) 1)

Bacteroides; Sheep; Periodontal disease; SDS-PAGE (McCourtie, J. (71) 5)

Protein pattern; Cluster analysis; Iron; *Neisseria meningiditis* (Ferreirós, C.M. (71) 49)

Bordetella pertussis; Outer membrane; Iron (Anwar, H. (71) 305)

Oxidation of sulfur compounds
Sulfate reduction; Aerobic respiration in anaerobes; *Desulfovibrio desulfuricans* (Dilling, W. (71) 123)

Penicillin action
Staphylococcus; Anteiso-fatty acid; Novel labeling; Isoleucine label; Lipid release; LTA (Rozgonyi, F. (71) 11)

Peptococcus niger
16S rRNA; Nucleotide sequence; Phylogeny (Ludwig, W. (71) 139)

Periodontal disease
Bacteroides; Sheep; Outer membrane proteins; SDS-PAGE (McCourtie, J. (71) 5)

Phanerochaete chrysosporium
Mycelial pellets; 3,4-Dimethoxybenzylamine; Lignin peroxidase (Liebeskind, M. (71) 325)

Phosphorylation
Protein kinase; Streptomycetes (Dobrová, Z. (71) 145)

Photoheterotrophic growth
Acetone; *Rhodobacter capsulatus*; *Rhodomicrobium vannielii*; Nonsulfur purple bacteria; Photosynthesis (Madigan, M.T. (71) 281)

Photosensitivity
Phthalocyanine; Electrophoresis (Bertoloni, G. (71) 149)

Photosynthesis
Photoheterotrophic growth; Acetone; *Rhodobacter capsulatus*; *Rhodomicrobium vannielii*; Nonsulfur purple bacteria (Madigan, M.T. (71) 281)

Phthalocyanine
Photosensitivity; Electrophoresis (Bertoloni, G. (71) 149)

Phylogeny
16S rRNA; Nucleotide sequence; *Peptococcus niger* (Ludwig, W. (71) 139)

Enterococcus saccharolyticus comb. nov.; *Streptococcus*; 16S rRNA; Taxonomy (Rodrigues, U. (71) 231)

Plasmid
Lactobacillus plantarum; Integration; Transformation (Rixon, J.E. (71) 105)

Plasmid pAT153
Plasmid stability; Tetracycline resistance; Structural instability (Brownlie, L. (71) 173)

Plasmid stability
Tetracycline resistance; Structural instability; Plasmid pAT153 (Brownlie, L. (71) 173)

Polyamine
Homospermidine; *Rhizobium*; *Bradyrhizobium*; *Azorhizobium*; *Agrobacterium* (Hamana, K. (71) 71)

Polymerase chain reaction
Streptococcus pyogenes; M protein; Opacity factor (Relf, W.A. (71) 345)

PPD
Mycobacterium bovis BCG; Protein oligomerization (Bardarov, S.S. (71) 89)

Promoter
Transcription initiation; *Chlamydia* (Sriprakash, K.S. (71) 299)

Protein folding
Metalloprotease; Thermophilic bacillus; Exoprotein; *npr* Gene (Kostrov, S.V. (71) 129)

Protein kinase
Phosphorylation; Streptomycetes (Dobrová, Z. (71) 145)

Protein methylation
Euglena gracilis chloroplast; Elongation factor EF-Tu (Toledo, H. (71) 241)

Protein oligomerization
Mycobacterium bovis BCG; PPD (Bardarov, S.S. (71) 89)

Protein pattern
Cluster analysis; Outer membrane protein; Iron; *Neisseria meningiditis* (Ferreirós, C.M. (71) 49)

Protoplast fusion
Bacillus; *Corynebacterium*; Hybrid (Deb, J.K. (71) 287)

Pseudomonas aeruginosa
Bacterial biofilm; Cell surface hydrophobicity; Specific growth rate (Allison, D.G. (71) 101)

Pullulan
Extracellular polysaccharide; *Aureobasidium pullulans* (Silman, R.W. (71) 65)

Pulsed-field electrophoresis
Spirochete; Chromosome (Baril, C. (71) 95)

Pyrococcus furiosus
Hyperthermoactive serine-protease; Thermo-anaerobic archaebacterium (Eggen, R. (71) 17)

Hyperthermoactive amylase; Archaebacterium (Koch, R. (71) 21)

Pyrolysis mass spectrometry
Escherichia coli strains; Antibiotic resistance plasmids (Goodacre, R. (71) 133)

Pyrroloquinoline quinone
Klebsiella pneumoniae; Cloning; *pqq* Gene; Glucose dehydrogenase (Meulenberg, J.J.M. (71) 337)

Restriction-modification
bld Mutant; Antibiotic; Transformation (Daza, A. (71) 259)

Rhizobium
Polyamine; Homospermidine; *Bradyrhizobium*; *Azorhizobium*; *Agrobacterium* (Hamana, K. (71) 71)

Rhodobacter capsulatus
Photoheterotrophic growth; Acetone; *Rhodomicrobium vannielii*; Nonsulfur purple bacteria; Photosynthesis (Madigan, M.T. (71) 281)

Rhodomicrobium vannielii
Photoheterotrophic growth; Acetone; *Rhodobacter capsulatus*; Nonsulfur purple bacteria; Photosynthesis (Madigan, M.T. (71) 281)

Rhodopseudomonas cryptolactis
Lactate metabolism; Thermotolerance; Bacteriochlorophyll (Stadtwald-Demchick, R. (71) 117)

Saccharomyces cerevisiae
Killer; Fermentation (Longo, E. (71) 331)

Salinity effect
77K-Fluorescence; Cyanobacterium (Schubert, H. (71) 169)

SDS-PAGE
Bacteroides; Sheep; Periodontal disease; Outer membrane proteins (McCourtie, J. (71) 5)

Serratia marcescens
Alkaline phosphatase; Isoenzyme (Bhatti, A.R. (71) 111)

Sheep
Bacteroides; Periodontal disease; Outer membrane proteins; SDS-PAGE (McCourtie, J. (71) 5)

Solubilisation
Invertase; *Aspergillus nidulans*; Cell wall; Location (Vainstein, M.H. (71) 265)

Specific growth rate
Bacterial biofilm; Cell surface hydrophobicity; *Pseudomonas aeruginosa* (Allison, D.G. (71) 101)

Spirochete
Chromosome; Pulsed-field electrophoresis (Baril, C. (71) 95)

16S rRNA
Nucleotide sequence; *Peptococcus niger*; Phylogeny (Ludwig, W. (71) 139)

Enterococcus saccharolyticus comb. nov.; *Streptococcus*; Taxonomy; Phylogeny (Rodrigues, U. (71) 231)

Enterococcus columbae; *Streptococcus*; Taxonomy (Devriese, L.A. (71) 247)

Staphylococcus
Anteiso-fatty acid; Novel labeling; Isoleucine label; Lipid release; LTA; Penicillin action (Rozgonyi, F. (71) 11)

Staphylococcus aureus
Methicillin resistance; Cryptic plasmid (Walters, J.A. (71) 55)

Streptococcus
Enterococcus saccharolyticus comb. nov.; 16S rRNA; Taxonomy; Phylogeny (Rodrigues, U. (71) 231)

Enterococcus columbae; Taxonomy; 16S rRNA (Devriese, L.A. (71) 247)

Streptococcus pyogenes
M protein; Polymerase chain reaction; Opacity factor (Relf, W.A. (71) 345)

Streptococcus sanguis
Hydroxylapatite; Adhesion; Sulfolane (Zhang, X.-h. (71) 315)

Streptomyces coelicolor
Multicopy plasmid (Zakrzewska-Czerwińska, J. (71) 271)

***Streptomyces* plasmids**
Cloning of methylated DNA; *Streptomyces* signal peptides (Duez, C. (71) 215)

***Streptomyces* signal peptides**
Cloning of methylated DNA; *Streptomyces* plasmids (Duez, C. (71) 215)

Streptomycetes
Protein kinase; Phosphorylation (Dobrová, Z. (71) 145)

Structural instability
Plasmid stability; Tetracycline resistance; Plasmid pAT153 (Brownlie, L. (71) 173)

Sulfate reduction
Aerobic respiration in anaerobes; Oxidation of sulfur compounds; *Desulfovibrio desulfuricans* (Dilling, W. (71) 123)

Sulfolane
Streptococcus sanguis; Hydroxylapatite; Adhesion (Zhang, X.-h. (71) 315)

"Syntrophic" fermentation
2,3-Butanediol; Formate; Thermodynamics (Seitz, H.-J. (71) 83)

Taxonomy
Enterococcus saccharolyticus comb. nov.; *Streptococcus*; 16S rRNA; Phylogeny (Rodrigues, U. (71) 231)

Enterococcus columbae; *Streptococcus*; 16S rRNA (Devriese, L.A. (71) 247)

Tetracycline resistance
Plasmid stability; Structural instability; Plasmid pAT153 (Brownlie, L. (71) 173)

Tetrahydropyrimidine
Ectothiorhodospira halochloris; *Halomonas elongata*; Compatible solute; Ectoine biosynthesis (Peters, P. (71) 157)

Thermo-anaerobic archaebacterium
Hyperthermoactive serine-protease; *Pyrococcus furiosus* (Eggen, R. (71) 17)

Thermodynamics
"Syntrophic" fermentation; 2,3-Butanediol; Formate (Seitz, H.-J. (71) 83)

Thermophilic bacillus
Metalloprotease; Protein folding; Exoprotein; *npr* Gene (Kostrov, S.V. (71) 129)

Thermoplasma acidophilum
Archaebacteria; Elongation factor; *tuf* Gene; Nucleotide sequence (Tesch, A. (71) 293)

Thermostable direct hemolysin gene
Vibrio (Terai, A. (71) 319)

Thermotolerance
Rhodopseudomonas cryptolactis; Lactate metabolism; Bacteriochlorophyll (Stadtwald-Demchick, R. (71) 117)

Toluate dioxygenase
Benzoate dioxygenase reductase; *xyl*D gene (Moodie, F.D.L. (71) 163)

Trace elements
Luria-Bertani broth; Cadmium resistance; Cadmium precipitation; Elemental analysis (Rayner, M.H. (71) 253)

Transcription initiation
Chlamydia; Promoter (Sriprakash, K.S. (71) 299)

Transferrin
Ferric iron; Bacterial infection; Bicarbonate (Bullen, J.J. (71) 27)

Transformation
Lactobacillus plantarum; Plasmid; Integration (Rixon, J.E. (71) 105)

bld Mutant; Antibiotic; Restriction-modification (Daza, A. (71) 259)

Transposon mutagenesis
arg Mutants; Argininosuccinate lyase; *Bacillus licheniformis* (Wati, M.R. (71) 211)

Verocytotoxin
Enterotoxin; CLDT; EPEC (Bouzari, S. (71) 193)

Vibrio
Thermostable direct hemolysin gene (Terai, A. (71) 319)

Yersinia
Molecular probe (Bardarov, S.S. (71) 277)

Zeaxanthin
β-Carotene; Carotenogenic *Escherichia coli*; β-Cryptoxanthin; *Erwinia herbicola* Eho 10 (Sandmann, G. (71) 77)

FEMS Microbiology Letters 71 (1990) 363
Published by Elsevier

Erratum

FEMS Microbiology Letters

Volume 70, Issue 2, p. 197

The affiliation should read as follows:

Boris Böddinghaus [1], Jörn Wolters [2], Wiepke Heikens [3] and Erik C. Böttger [1]

The address of the corresponding author should read as follows:

Correspondence to: Erik C. Böttger, Medizinische Hochschule Hannover, Institut für Medizinische Mikrobiologie, Konstanty Gutschow-Str. 8, 3000 Hannover 61, F.R.G.